

Applications

MAFUSA Stainless steel repair clamp provides a permanent repair to most damage pipes, with holes, cracks and breaks. For water, gas and petrochemical fluids. MAFUSA Stainless steel repair clamp are consist of one or more stainless steel band sections to which cast or fabricated lugs are securely attached. So each clamp has the capability to fit wide range of pipe diameter like.

Properties

- **Corrosion material.**

Fully-passivated stainless steel components without need any further protection on site. DACROMET coated bolts & nuts.

- **Reliable seal.**

Full circumferential style rubber gasket supplies a guaranteed reliable seal around the pipe.

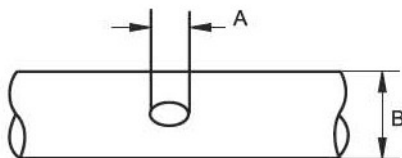
- **Simple constructure, Easy to installation.**

Rapid installation in poor site conditions, mady easy with simple, "flip-over" action self retaining bolts.

Installation length selection

1. For normal pipes, the installation length of the repair clamp should be the size of the damaged area (A) plus the pipe outside diameter (B), that's $A+B$.

2. For PVC o PE pipes, the installation length of the repair clamp should be add 50% of the above value to the sum, that's: $1,5 \times (A+B)$.



Features

- Simple to install
- Fully constructed from stainless steel for high corrosion protection.
- One clamp can connects wide range pipe diameter.
- Able to adapt to pipe irregularities or ovality.
- Fully passivated.
- Sharp surfaces finished to avoid harm to installer.
- Minimum downtime to affected mains.

Material and relevant standards

• Main parts

• Body, bridge plate, lockable plate, bolts, nuts, washer are all stainless steel AISI 304 (A2)

• Gasket

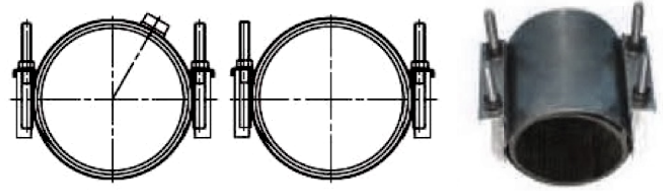
• EPDM for normal application, NBR, SILICONE o VITON for option.

• EPDM to BS EN681-1/ NBR to EN 682.

• Our rubber had approved by WRAS (UK).

• Lug

• Stainless steel to AISI 304 (A2).



* Repair clamp with BSP outlet is possible on request, the normal outlet size include: 3/4", 1", 1 1/4", 1 1/2" y 2".

RC 100S

OD RANGE		PRESSURE (BAR)		N° OF BAND	OD RANGE		PRESSURE (BAR)		N° OF BAND	LENGHT (mm)
inch	mm	Water	Gas		inch	mm	Water	Gas		
1,89-2,28	48-58	16	5	1	8,58-8,98	218-228	16	4	1	150-600
2,17-2,56	55-65	16	5	1	8,98-9,37	228-238	16	3	1	150-600
2,64-3,03	67-77	16	5	1	9,37-9,76	238-248	10	3	1	150-600
3,27-3,66	83-93	16	5	1	9,72-10,12	247-257	10	3	1	150-600
3,62-4,02	92-102	16	5	1	10,16-10,55	258-268	10	3	1	150-600
4,21-4,61	107-117	16	4	1	10,67-11,06	271-281	10	3	1	150-600
4,84-5,12	123-130	16	4	1	11,10-11,50	282-292	10	3	1	150-600
5,31-5,71	135-145	16	4	1	11,57-11,97	294-304	10	3	1	150-600
5,71-6,10	145-155	16	4	1	11,89-12,28	302-312	10	3	1	150-600
6,22-6,61	158-168	16	4	1	12,20-12,60	310-320	10	3	1	150-600
6,54-6,93	166-176	16	4	1	12,60-12,99	320-330	10	3	1	150-600
6,81-7,20	173-183	16	4	1	12,87-13,27	327-337	10	3	1	150-600
7,09-7,48	180-190	16	4	1	13,46-13,86	342-352	10	3	1	150-600
7,40-7,80	188-198	16	4	1	14,02-14,41	356-366	10	3	1	150-600
7,68-8,07	195-205	16	4	1						150-600

RC 200S

OD RANGE		PRESSURE (BAR)		N° OF BAND	OD RANGE		PRESSURE (BAR)		N° OF BAND	LENGHT (mm)
inch	mm	Water	Gas		inch	mm	Water	Gas		
3,39-4,17	86-106	16	4	2	14,06-14,84	357-377	10	3	2	150-600
4,45-5,24	113-133	16	4	2	14,37-15,16	365-385	10	3	2	150-600
4,72-5,55	120-141	16	4	2	15,08-15,87	383-403	10	3	2	150-600
6,61-7,40	168-188	16	4	2	15,91-16,69	404-424	10	3	2	150-600
6,85-7,64	174-194	16	4	2	16,57-17,36	421-441	10	3	2	150-600
8,62-9,41	219-239	16	4	2	17,17-17,95	436-456	10	3	2	150-600
8,98-9,80	228-249	16	4	2	17,83-18,62	453-473	10	3	2	150-600
9,84-10,24	250-260	16	4	2	18,46-19,25	469-489	10	3	2	150-600
10,75-11,54	273-293	16	3	2	19,21-20,00	488-508	10	3	2	150-600
11,10-11,89	282-302	10	3	2	19,88-20,67	505-525	10	3	2	150-600
11,61-12,40	295-315	10	3	2	20,67-21,46	525-545	10	3	2	150-600
12,76-13,54	324-344	10	3	2	21,50-22,28	546-566	10	3	2	150-600
13,19-13,98	335-355	10	3	2	22,13-22,91	562-582	10	3	2	150-600
13,66-14,45	347-367	10	3	2						